| <br> | Claims |  |
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| F | ۱pp | lica | tion | Contr | ol No. |
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Barbara L. Gilliam

10/673,450

Examiner

AOAI ET AL.

Art Unit

Reexamination

Applicant(s)/Patent under

1752

Rejected Allowed

(Through numeral) Cancelled

Ν Restricted

Interference

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|       |  | ш                                     | _            | _  |  |          | ı  |          |          |                 |  |  |  |
|-------|--|---------------------------------------|--------------|--|--|----------|--|----------|----------|-----------------|--|--|--|
| Cla   | aim  | Date                                  |              |  |  |          |  |          |          |                 |  |  |  |
|       |  |                                       |              |  |  |          |  |          |          |                 |  |  |  |
| =     | Original   | ကျ                                    |              |  |  |          |  |          |          |                 |  |  |  |
| Final | <u>:</u> 5   | 2/22/05                               |              |  | İ  | ĺ        |  |          |          |                 |  |  |  |
| ш     | ō  | 2                                     |              |  |  |          |  |          |          | 1               |  |  |  |
|       |  |                                       |              | ₩  | ┡  | <u> </u> | <u> </u>   | _        |          | ш               |  |  |  |
|       | 1<br>2<br>3<br>4<br>5  | ٧.                                    | ļ            | L  | _  | L        | <u> </u>   | ļ        | _        | Ш               |  |  |  |
|       | 2  | V                                     | L_           |  | _  | L        | <u> </u>   |          |          | Ш               |  |  |  |
|       | 3  | √                                     | _            |  |  | _        | L  |          |          | Ш               |  |  |  |
|       | 4  | √                                     |              |  |  |          |  |          |          | Ш               |  |  |  |
|       | 5  | √                                     |              |  |  |          |  |          |          |                 |  |  |  |
|       | 6  | √                                     |              |  |  |          | <u> </u>   |          |          |                 |  |  |  |
|       | 6<br>7<br>8  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |              |  |  |          |  |          |          |                 |  |  |  |
|       | 8  | 1                                     |              |  |  |          |  |          |          |                 |  |  |  |
|       | 9  | 1                                     |              |  |  |          |  |          |          |                 |  |  |  |
|       | 10   | 1                                     |              |  |  |          |  |          |          |                 |  |  |  |
|       | 11   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 12   |                                       |              |  |  |          |  |          |          | П               |  |  |  |
|       | 13   | П                                     | _            | <del>                                     </del> | Т  | <u> </u> | Ι  | Г        | Г        | П               |  |  |  |
|       | 14   |                                       | Т            |  |  | $\vdash$ | <del>                                     </del> | $\vdash$ |          | $\vdash$        |  |  |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17                                     |                                       | <del> </del> | <del> </del>                                     | $\vdash$   |          | H  | $\vdash$ | -        | H               |  |  |  |
|       | 16   | -                                     | $\vdash$     | -  | ┢  |          |  | $\vdash$ | $\vdash$ | Н               |  |  |  |
|       | 17   | -                                     | ┢            | ⊢  | ┢┈   |          | $\vdash$   | $\vdash$ | H        | Н               |  |  |  |
|       | 10   | -                                     | -            | ┢  | -  | ┢        | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$        |  |  |  |
|       | 10   |                                       | <u> </u>     | -  | -  | ┝        | $\vdash$   | ⊢        | $\vdash$ | Н               |  |  |  |
|       | 19   | _                                     | <u> </u>     | ⊢  |  | _        | H  | -        | $\vdash$ | Н               |  |  |  |
|       | 20   | _                                     |              | <u> </u>   | -  | ⊢        | $\vdash$   | H        | H        | $\vdash$        |  |  |  |
|       | 21   |                                       |              | -  | _  | _        | _  | _        |          | $\vdash$        |  |  |  |
|       | 22   | _                                     | <u> </u>     | <u> </u>   |  | <u> </u> |  |          |          |                 |  |  |  |
|       | 23   |                                       | <u> </u>     | <u> </u>   |  | _        | _  | _        | $\vdash$ | Ш               |  |  |  |
|       | _24  | lacksquare                            |              | <u> </u>   |  | _        |  |          |          | Щ               |  |  |  |
|       | 25   | Щ                                     |              |  |  |          | <u> </u>   |          | Щ        | Щ               |  |  |  |
|       | 26   |                                       |              |  |  |          | $ldsymbol{f eta}$                                |          |          |                 |  |  |  |
|       | 27   |                                       |              | _  |  |          |  |          |          | Ш               |  |  |  |
|       | 28   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 29   |                                       |              |  |  |          |  |          |          | Ш               |  |  |  |
|       | 30   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 |                                       |              | L  |  |          |  |          |          |                 |  |  |  |
|       | 32   |                                       |              | L  |  |          | L  |          |          |                 |  |  |  |
|       | 32<br>33   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 34   |                                       |              |  |  |          |  |          |          | П               |  |  |  |
|       | 35   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 36   |                                       |              |  |  |          |  |          |          |                 |  |  |  |
|       | 37   |                                       |              | _  |  |          |  |          | _        | П               |  |  |  |
|       | 38   | H                                     |              |  | $\vdash$   | Н        | ┢  | _        | _        | П               |  |  |  |
|       | 38<br>39   |                                       |              | $\vdash$   | H  |          | -  |          |          | П               |  |  |  |
|       | 40   | Н                                     | _            | $\vdash$   | H  | $\vdash$ | Н  |          |          | Н               |  |  |  |
|       | 41   |                                       | -            |  | <del>                                     </del> | $\vdash$ | ┝  | $\vdash$ | $\vdash$ | $\vdash \vdash$ |  |  |  |
|       | 42   | $\vdash$                              | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | Ι  | -        |          | $\vdash$        |  |  |  |
|       | 43   | $\vdash$                              | $\vdash$     | $\vdash$   | <del> </del>                                     | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | Н               |  |  |  |
|       |  | $\vdash$                              | <b>-</b> -   | -  | $\vdash$   | <u> </u> | $\vdash$   | $\vdash$ | $\vdash$ | Н               |  |  |  |
|       | 44<br>45   | $\vdash$                              | $\vdash$     | -  | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$ |          | Н               |  |  |  |
|       |  | $\vdash$                              | $\vdash$     | $\vdash$   | $\vdash$   | <u> </u> | $\vdash$   | $\vdash$ | Ι        | $\vdash\vdash$  |  |  |  |
|       | 46   | $\vdash$                              | $\vdash$     | <u> </u>   | $\vdash$   | ├-       | $\vdash$   | ├        | $\vdash$ | Н               |  |  |  |
|       | 47   | _                                     | <u> </u>     | <u> </u>   |  | <u> </u> | L  | $\vdash$ | $\vdash$ | Н               |  |  |  |
|       | 48   |                                       | Щ            | <u> </u>   | ļ  | _        | Ш  | Ш        | Ш        | Ш               |  |  |  |
|       | 49   | Ш                                     | إسا          | <u> </u>   | $oxed{oxed}$                                     | L        | Ш  | L        | ļ        | Щ               |  |  |  |
|       | 50   |                                       |              | "  |  |          |  |          |          | 1 1             |  |  |  |

| Cla   | aim      | Date    |        |  |          |          | Claim Date |   |          |          |   |       |          |            |          |          |           |          |   |              |   |
|-------|----------|---------|--------|--|----------|----------|------------|---|----------|----------|---|-------|----------|------------|----------|----------|-----------|----------|---|--------------|---|
|       |          | ,,      |        |  |          | Γ        |            |   |          |          |   |       |          |            | T        |          |           |          |   |              |   |
| Final | Original | 2/22/05 |        |  |          |          | l          |   |          | 1        |   | Final | Original |            |          |          |           |          |   |              |   |
| 造     | ğ        | 7.52    |        |  |          |          | i          |   |          |          |   | ίĒ    | Örig     |            |          |          |           |          | l |              |   |
|       | 0        |         |        |  |          |          |            |   |          |          |   |       |          |            |          |          |           |          | L |              |   |
|       | 1        | 7       |        |  |          |          |            |   |          |          |   |       | 51       |            |          |          |           | L        |   |              |   |
|       | 2        | 1       |        |  |          |          |            |   |          |          |   |       | 52       |            |          |          |           |          |   |              |   |
|       | 3        | 1       |        |  |          |          |            |   |          |          |   |       | 53       |            |          | _        |           | L        | L | _            | Ш |
|       | 4        | 1       |        |  |          |          |            |   |          |          |   |       | 54       |            |          | $\bot$   |           |          |   |              |   |
|       | 5        | 4       |        |  |          | L        | <u> </u>   |   |          |          |   |       | 55       |            |          | _        |           |          |   |              |   |
|       | 6        | 4       |        |  |          | L        |            |   |          |          |   |       | 56       |            |          | $\perp$  |           | <u> </u> |   |              | Щ |
|       | 7        | 1       |        |  |          | <u>L</u> | _          |   | L_       |          |   |       | 57       |            |          | 4        |           |          | _ | $oxed{oxed}$ |   |
|       | 8        | 1       |        |  |          |          |            |   | <u> </u> | _        |   |       | 58       | <u>.</u>   | _        | $\perp$  |           |          |   | $oxed{oxed}$ | Ш |
|       | 9        | 1       |        |  | <u> </u> | _        |            |   | _        | _        |   |       | 59       | <u></u> l. | _        | _        |           |          |   | Ш            | Ш |
| L     | 10       | 4       |        |  | L        |          |            | _ | <u> </u> | _        |   |       | 60       |            | _        | _        |           |          |   | Ш            |   |
|       | 11       |         |        |  |          |          |            |   | L        |          |   |       | 61       |            | _        | _        |           |          | Щ |              | Щ |
|       | 12       |         |        |  |          |          | L          |   | _        | <u> </u> |   |       | 62       |            | $\perp$  | _        |           |          |   |              | Ц |
| L     | 13       |         |        |  |          |          |            | L |          |          |   |       | 63       | $\Box$     |          |          |           |          |   | Ш            |   |
|       | 14       |         |        |  |          |          |            |   |          |          |   |       | 64       |            |          |          |           | L_       |   | Ш            | Ш |
|       | 15       |         |        |  |          |          |            |   |          |          |   |       | 65       |            |          |          |           |          |   |              |   |
|       | 16       |         |        |  |          |          |            |   |          |          |   |       | 66       |            |          | $\Box$   |           |          |   |              |   |
|       | 17       |         |        |  |          |          |            |   |          |          |   |       | 67       |            | $\perp$  |          |           |          |   |              |   |
|       | 18       |         |        |  |          |          |            |   |          |          |   |       | 68       |            |          |          |           |          |   |              |   |
|       | 19       |         |        |  |          |          |            |   |          |          |   |       | 69       |            |          |          |           |          |   |              |   |
|       | 20       |         |        |  |          |          |            |   |          |          |   |       | 70       |            |          |          |           |          |   |              |   |
|       | 21       |         |        |  |          |          |            |   |          |          |   |       | 71       |            |          |          |           |          |   |              |   |
|       | 22       |         |        |  |          |          |            |   |          |          |   |       | 72       |            |          |          |           |          |   |              |   |
|       | 23       |         |        |  |          |          |            |   |          |          |   |       | 73       |            |          |          |           |          |   |              |   |
|       | 24       |         |        |  |          |          |            |   |          |          |   |       | 74       |            |          |          |           |          |   |              |   |
|       | 25       |         |        |  |          |          |            |   |          |          |   |       | 75       |            | T        |          |           |          |   |              |   |
|       | 26       |         |        |  |          |          |            |   |          |          |   |       | 76       |            | T        |          |           |          |   | П            |   |
|       | 27       |         |        |  |          |          |            |   |          |          |   |       | 77.      |            | T        |          |           |          |   |              |   |
|       | 28       |         |        |  |          |          |            |   |          |          |   |       | 78       |            |          |          |           |          |   |              |   |
|       | 29       |         |        |  |          |          |            |   |          |          |   |       | 79       |            | П        |          |           |          |   |              |   |
|       | 30       |         |        |  |          |          |            |   |          |          | ĺ |       | 80       |            | T        | Т        |           |          |   |              |   |
|       | 31       |         |        |  |          |          |            |   |          |          | ĺ |       | 81       |            | T        |          |           |          |   |              |   |
|       | 32       |         |        |  |          |          |            |   |          |          | Ì |       | 82       |            |          |          |           |          |   |              |   |
|       | 33       |         |        |  |          |          |            |   |          |          |   |       | 83       |            | T        |          |           |          |   |              |   |
|       | 34       |         |        |  |          |          |            |   |          |          |   |       | 84       |            | T        |          |           |          |   |              |   |
|       | 35       |         |        |  |          |          |            |   |          |          |   |       | 85       |            |          |          |           |          |   |              |   |
|       | 36       |         |        |  |          |          |            |   |          |          |   |       | 86       |            | $\top$   | $\top$   |           |          |   |              |   |
|       | 37       |         |        |  |          |          |            |   |          |          |   |       | 87       |            | $\top$   |          |           |          |   |              |   |
|       | 38       |         |        |  |          |          |            |   |          |          |   |       | 88       |            |          |          |           |          |   |              |   |
|       | 39       |         |        |  |          |          |            |   |          |          |   |       | 89       |            | $\Box$   |          | $\Box$    |          |   |              |   |
|       | 40       |         |        |  |          |          |            |   |          |          |   |       | 90       |            |          | $\top$   | $\Box$    |          |   |              |   |
|       | 41       |         |        |  |          |          |            |   |          |          |   |       | 91       |            | $\neg$   | $\neg$   |           |          |   |              |   |
|       | 42       |         |        |  |          |          |            |   |          | П        |   |       | 92       |            | $\neg$   | 十        |           |          |   |              |   |
|       | 43       |         |        |  |          |          |            | Г |          | П        |   |       | 93       | o          | $\neg$   | $\dashv$ | $\neg$    |          |   |              | П |
|       | 44       |         |        |  |          |          |            | П |          | П        |   |       | 94       | o          | $\neg$   | $\dashv$ |           |          |   |              | П |
|       | 45       |         |        |  |          |          |            | П | Γ        | П        |   |       | 95       |            | $\top$   | $\top$   | $\exists$ |          |   |              |   |
|       | 46       |         |        |  |          |          |            | П |          | П        |   |       | 96       |            | $\dashv$ | $\neg$   |           |          |   |              |   |
|       | 47       |         |        |  |          |          |            | Г |          | П        |   |       | 97       | $\Box$     | $\neg$   | $\neg$   |           |          |   |              |   |
|       | 48       | $\Box$  | $\Box$ |  |          |          |            |   |          | П        |   |       | 98       | $\Box$     | $\dashv$ | 7        | $\neg$    |          |   | П            | П |
|       | 49       |         | П      |  |          |          |            |   |          | П        |   |       | 99       |            | 1        | $\top$   | 寸         |          |   |              | П |
|       | 50       |         |        |  |          |          |            |   | Ι        |          |   |       | 100      |            | $\dashv$ | $\neg$   | $\dashv$  |          |   |              | П |
|       |          |         | لب     |  |          |          |            |   | <b>.</b> |          |   |       |          |            |          |          |           |          |   |              |   |

| CI               | aim                             | Г        |          |          | -                         | Date       | e.           |          |              |          |
|------------------|---------------------------------|----------|----------|----------|---------------------------|------------|--------------|----------|--------------|----------|
| <del>اٽ</del> '' |                                 | $\vdash$ | Г        |          | Γ.                        | <u> </u>   | Ť            | Г        | Π            |          |
| Final            | Original                        |          |          |          |                           |            |              |          |              |          |
|                  | 101                             |          |          |          |                           |            |              |          |              |          |
|                  | 102                             |          |          |          |                           |            |              |          |              |          |
|                  | 103                             |          |          |          |                           |            |              |          |              |          |
|                  | 104                             |          |          |          |                           |            |              |          |              |          |
|                  | 105                             |          |          |          |                           |            |              |          |              |          |
|                  | 106                             |          |          |          |                           |            |              |          |              |          |
|                  | 107                             | L.       | L        | L        |                           |            | L            |          |              | Ш        |
|                  | 108<br>109                      |          |          | L        |                           |            |              |          | ļ            | Ш        |
|                  | 109                             | <u> </u> | _        | L.       |                           |            |              |          |              | Ш        |
|                  | 110                             | L.       |          | _        | L                         |            | L_           |          | <u> </u>     | Ш        |
|                  | 111                             |          | L        | <u> </u> | <u> </u>                  | <u> </u>   | <u> </u>     | _        | _            | Ш        |
|                  | 112                             |          | L        | _        | _                         | _          | _            | L-       |              | Щ        |
|                  | 113                             |          | _        | _        | ļ                         | _          | lacksquare   | ļ        | ļ            | Ш        |
|                  | 114                             |          |          | _        | <u> </u>                  |            | ļ            | ļ        | _            | Ш        |
|                  | 115                             |          | <u> </u> | <u> </u> | <u> </u>                  |            | ┡            | <u> </u> | ┡            | Н        |
|                  | 116                             |          | <u> </u> | _        |                           | $\vdash$   | _            | <u> </u> | -            | Н        |
|                  | 117                             |          | <u> </u> | ļ        |                           |            |              | _        | <u> </u>     | Н        |
|                  | 118                             |          |          | _        | <u> </u>                  | L          | L            | <u> </u> | ļ            | Н        |
|                  | 119<br>120<br>121               |          | $\vdash$ |          |                           | $\vdash$   | H            | <u> </u> |              | Н        |
|                  | 120                             | _        | _        | L        |                           | L          |              | <u> </u> | <u> </u>     | Н        |
|                  | 121                             |          | <u> </u> |          |                           | $\vdash$   | -            | _        | ├            | -        |
|                  | 122                             |          | ┝        | H        |                           | -          | _            | -        | <del> </del> | $\vdash$ |
|                  | 123                             | _        | -        | -        | -                         |            | H            |          |              | Н        |
|                  | 124                             |          | -        | H        |                           | $\vdash$   |              | -        | _            | $\vdash$ |
|                  | 122<br>123<br>124<br>125<br>126 |          | -        | _        | $\vdash$                  | -          | -            | _        | ┝            | Н        |
|                  | 127                             |          | ┢        |          | H                         |            | -            | -        | ┝            | Н        |
|                  | 127<br>128<br>129<br>130<br>131 | -        | $\vdash$ | $\vdash$ | $\vdash$                  | -          | -            | -        | ├            | Н        |
|                  | 120                             |          | $\vdash$ |          | $\vdash$                  | -          |              | -        | ┢            | Н        |
|                  | 130                             |          | -        | -        |                           | H          | H            |          | $\vdash$     | H        |
|                  | 131                             |          | $\vdash$ |          |                           |            |              |          | ┢            | Н        |
|                  | 132                             |          | ┢        |          | Н                         | _          |              | $\vdash$ | t            | Н        |
|                  | 133                             |          | Н        |          |                           |            |              |          |              |          |
|                  | 133<br>134                      |          |          |          |                           |            |              |          |              | П        |
|                  | 135                             |          |          |          |                           |            |              |          |              | П        |
|                  | 136                             |          |          |          | Г                         |            |              | $\vdash$ |              |          |
|                  | 136<br>137                      |          |          |          |                           |            |              |          |              |          |
|                  | 138                             |          |          |          |                           |            |              |          |              |          |
|                  | 139                             |          |          |          |                           |            |              |          |              |          |
|                  | 140                             |          |          |          |                           |            |              |          |              |          |
|                  | 141                             |          |          | L        |                           |            |              |          | $oxed{oxed}$ | Ш        |
|                  | 142                             |          |          |          |                           |            |              |          |              | Ш        |
|                  | 143                             |          |          | Ш        |                           | Ш          | L.           | L        |              |          |
|                  | 144                             |          | <u> </u> | oxdot    |                           | L          | ļ            |          | $oxed{oxed}$ | Щ        |
|                  | 145                             |          | L        | <u> </u> | Ш                         |            | $oxed{oxed}$ |          | L            | Ш        |
|                  | 146                             |          | _        | L        | $ldsymbol{ldsymbol{eta}}$ |            | _            | <u> </u> | <u> </u>     | Ш        |
|                  | 147                             |          | <u> </u> | oxdot    | <u> </u>                  | lacksquare | $\vdash$     | <u> </u> | <u> </u>     | Щ        |
|                  | 148                             |          | L        | $\vdash$ | Щ                         | Щ          | $\vdash$     | ļ        | $\vdash$     | Щ        |
|                  | 149                             |          | <u> </u> | L        | <u> </u>                  | L_         | <u> </u>     | <u> </u> | L.           | Щ        |
| L                | 150                             |          |          |          |                           | L.         | L            |          |              | Ш        |